

Hunters Point Radiological Program Update

**Hunters Point Naval Shipyard
BCT Meeting
September 4, 2014**

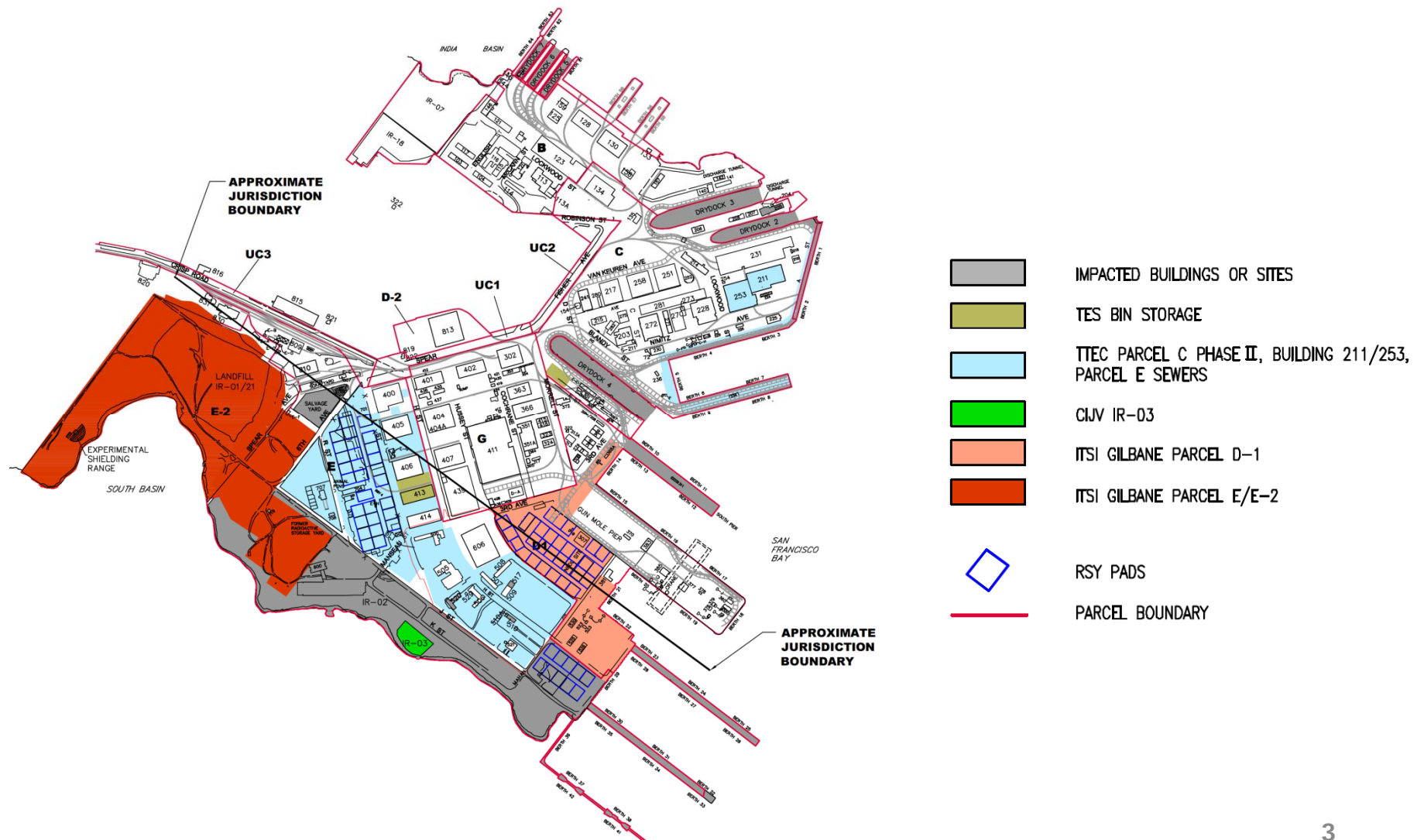
Overview



Radiological Project Work Overview

- Current Project Map
- Parcel C
 - Phase II Field Work
 - Ship Berth Survey
 - Buildings 253 and 211 Survey
- Parcel E
 - "I Street" SS/SD Removal
- Parcel D-1
- FSS Report Status

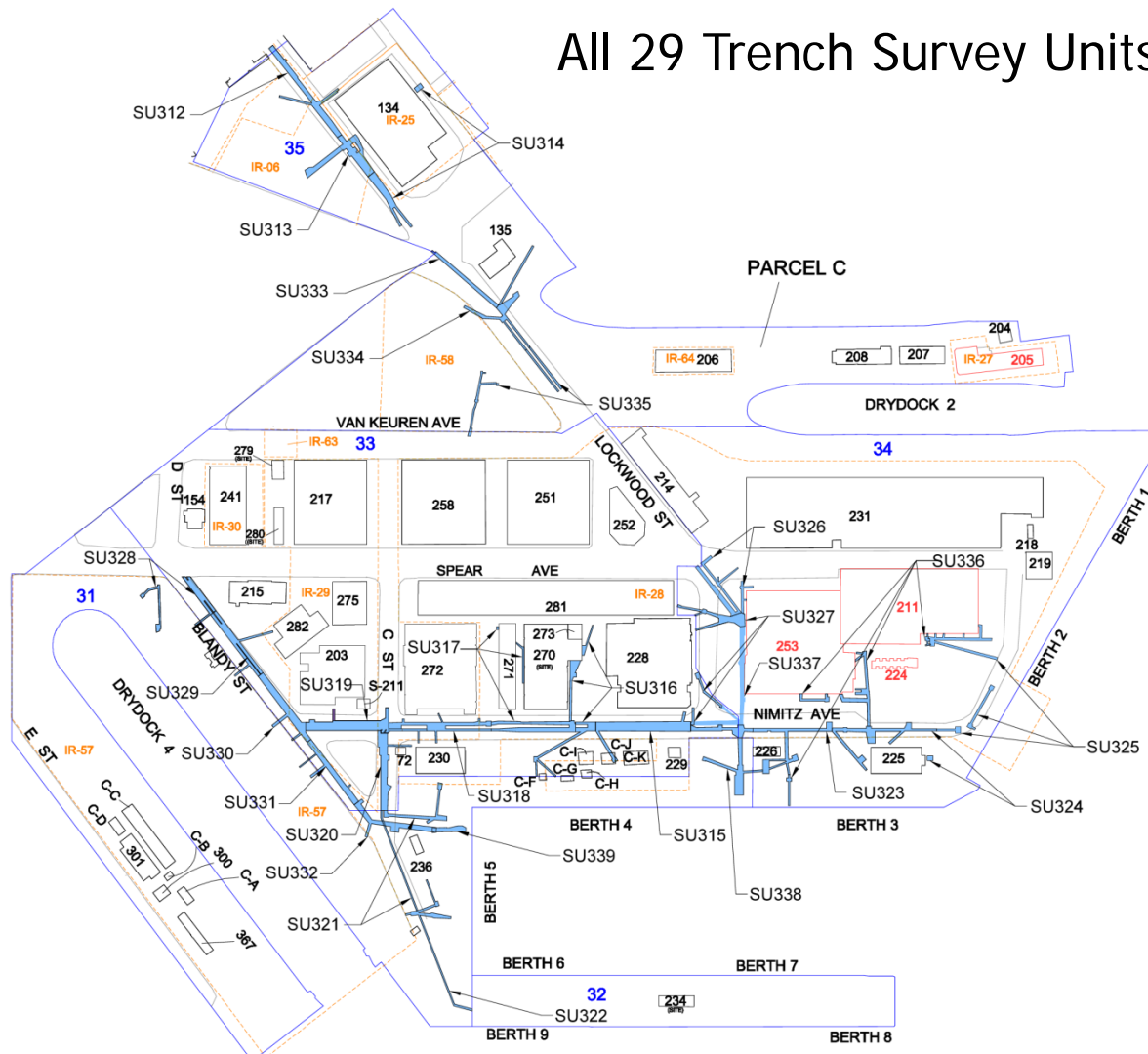
2014 Radiological Projects



Parcel C - Phase II SS/SD Removal



All 29 Trench Survey Units (SUs) Backfilled

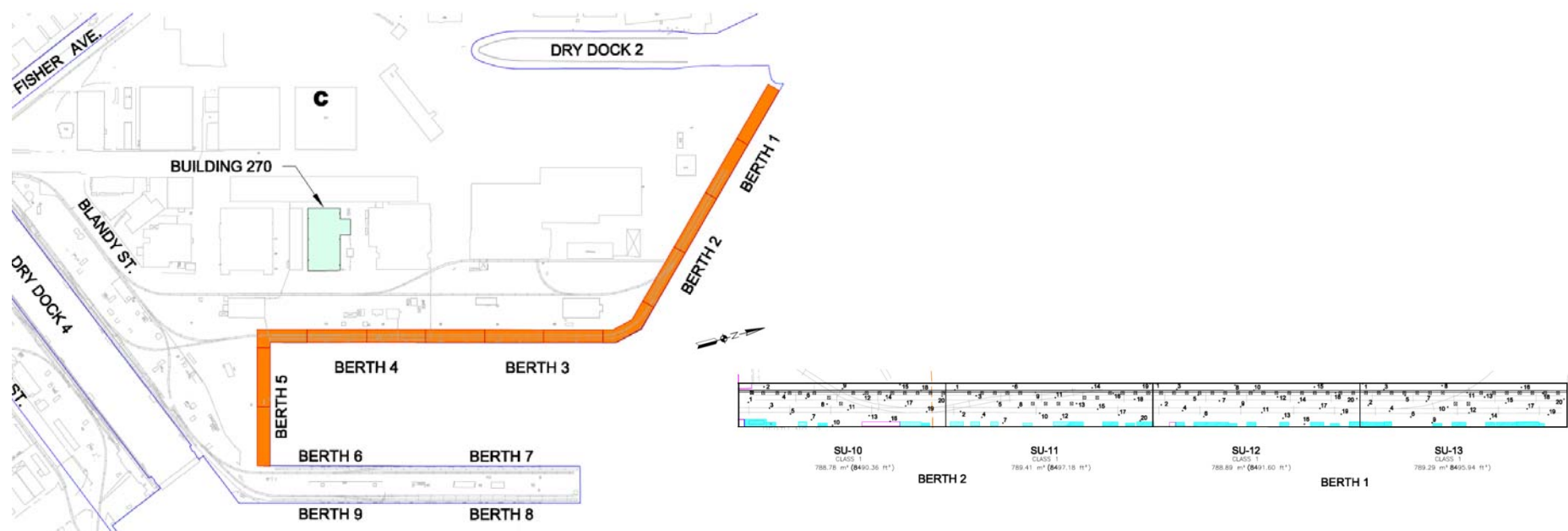


Parcel C – Phase II Ship Berth Surveys



Cantilevered (concrete) Survey Units (Ship Berths 1 and 2):

- SU 13 - Completed collecting the additional static measurements and swipe samples at biased sample locations
- SUs 10, 11, and 12 – Collecting additional static measurements and swipe samples at biased sample locations



Parcel C – Phase II Ship Berth Surveys



Ship Berth Survey Units	Biased Samples		
	Total	Collected	%
SU 10	1082	0	0%
SU 11	1222	0	0%
SU 12	798	216	27%
SU 13	1642	1642	100%
Totals	4744	1858	39%

Buildings 253 and 211



- Characterization surveys completed August 11, 2014

	Class 1 Areas	Class 2 Areas	Class 3 Areas
Gamma Scans Completed	100%	100%	----
Alpha/Beta Scans Completed	100%	100%	----
Systematic Samples/Swipes Collected	100%	100%	----
Biased Samples/Swipes Collected	100%	100%	100%

Buildings 253 and 211



	Class 1 Area	Class 2 Areas	Class 3 Area
No. of SUs	252 ^{1/}	10	10
No. Met Release Criteria	211	10	9
No. Exceeded Release Criteria	35	----	1 ^{3/}
No. Exceeded Investigation Criteria But Not Release Criteria	2	----	----
No. of SUs Not Surveyed Due to Safety Concerns ^{2/}	4	----	----
In Process of Being Surveyed	----	----	----
^{1/} Includes 2 soil SUs, one for each building; each met release criteria			
^{2/} Building 211 SUs 143, 144, 153, and 154			
^{3/} Elevated beta activity identified on the tiles on 6th floor roof			

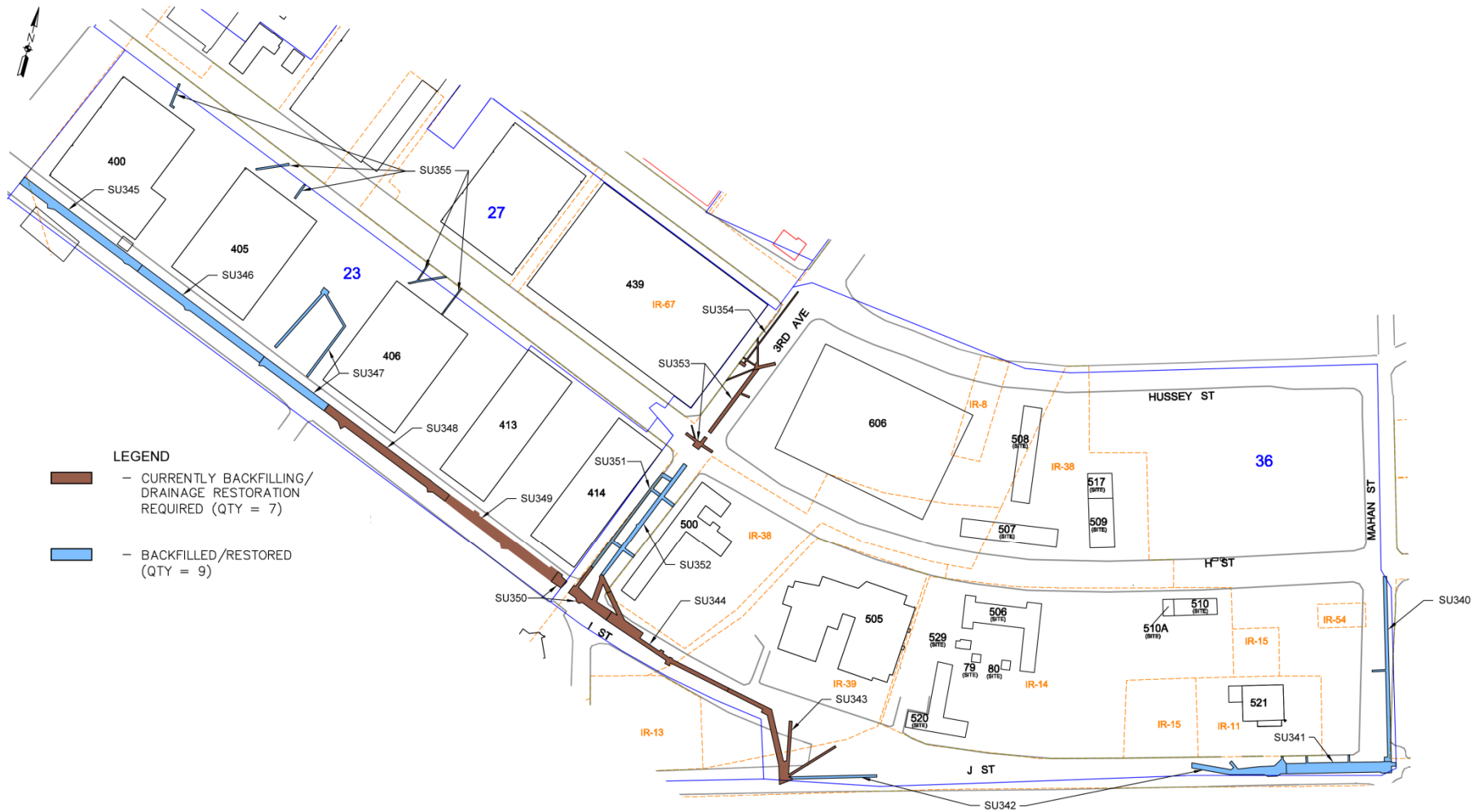
Parcel E SS/SD Removals

“I Street”



- SS/SD Removal – 100% complete with removal of 7,642 LF
- All 16 Trench SUs Excavated:
 - 7 – Currently backfilling/undergoing site restoration
 - 9 – Backfilled /restored
- Began installation of drainage swale along I Street; approximately 800 LF of the 1,951 LF completed
- Completed the recycle of 3,000 tons of asphalt

Parcel E SS/SD Removals "I Street"



Parcel E Drainage System “I Street”



Start of swale installation along I Street



Swale installation activities along I Street



Swale installation activities along I Street



Parcel D-1

Phase I



– Gun Mole Pier

- CDPH confirmation surveys completed March 18
- Recommendation for Unrestricted Radiological Release letter anticipated following CDPH analysis of confirmation samples and confirmation surveys

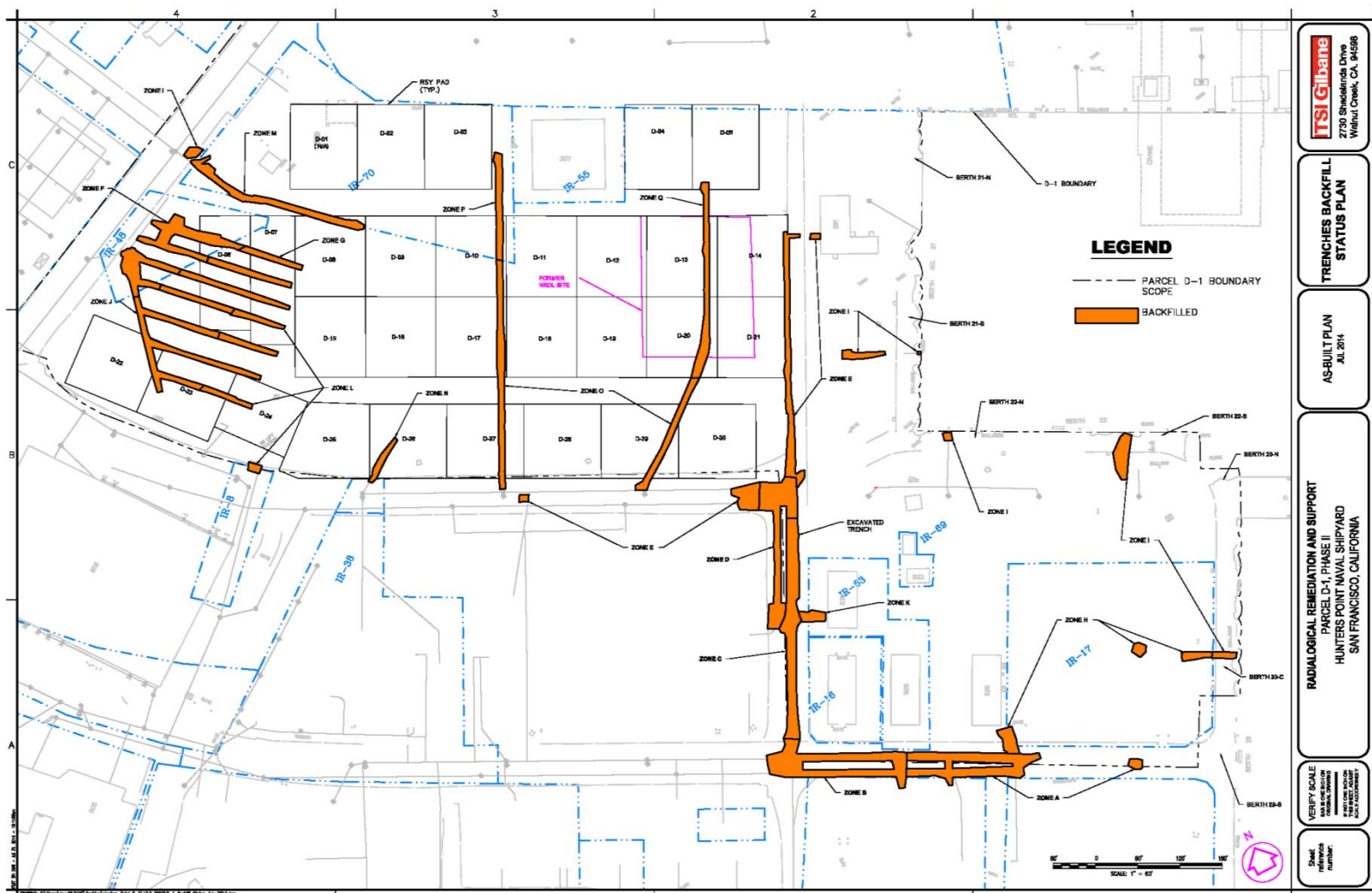
Parcel D-1

Phase II

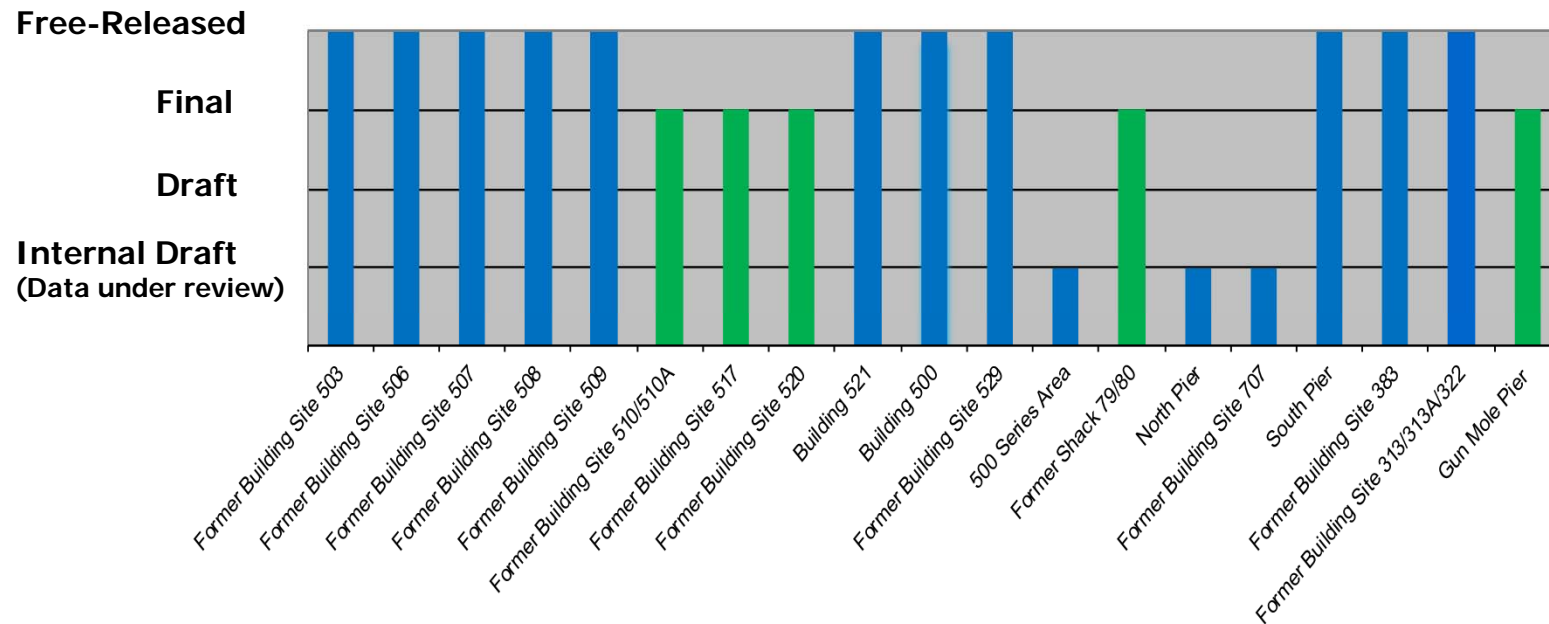


- Demobilized August 6th
 - Expecting definitive RSY 21 day results on September 3rd.
- Expected mobilization date of September 29th
 - To remove RSY
 - To remove rail road ties

Parcel D-1 Phase II



FSS Report Status Parcels C, D-1, & E



Waiting for concurrence for
Free-Release determination



Note: Awaiting pick-up of confirmatory soil samples
for SUs 337 and 338 by CDPH

Upcoming Agency Document Schedule Parcels C, D-1, & E



- Draft North Pier FSS Report – September 2014
- Draft Revised SUPR Abstract and NORM Background Study – October 2014
- Draft Ship Berths FSS Report – November 2014
- Draft Buildings 253/211 Radiological Characterization Survey Report – December 2014
- Draft Parcel D-1 FSS Report – December 2014
- Draft SUPR Packages (16 total) for Parcel E:
 - 1st SUPR Package (4 each) – Submitted August 15, 2014
 - 2nd SUPR Package (4 each) – September 5, 2014
 - 3rd SUPR Package (4 each) – September 10, 2014
 - 4th SUPR Package (4 each) – October 2014

Projected Field Completion Dates



- Parcel E "I Street" – September 26, 2014
- Parcel C Phase II – September 30, 2014
- Parcel D-1 Phase II – October 2014